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_	APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	•
10/509,148		09/27/2004		Jan Tue Ravnkilde	GRP-0082	5091	
	23413 7590 I		12/28/2005	•	EXAMINER		
CANTOR COLBURN, LLP		HANIG, RICHARD E					
55 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002							-
					ART UNIT	PAPER NUMBER	
					2873		

DATE MAILED: 12/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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nt(s)							
DE ET AL.							
dence address							
IIRTY (30) DAYS,							
ate of this communication. § 133). any							
as to the merits is 13.							
the Examiner .85(a). See 37 CFR 1.121(d). form PTO-152.							

	Application No.	Applicant(s)						
Office Astion Commons	10/509,148	RAVNKILDE ET AL.						
Office Action Summary	Examiner	Art Unit						
	Richard Hanig	2873						
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply								
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).								
Status								
1) Responsive to communication(s) filed on								
·— · · · · · · · · · · · · · · · · · ·	- action is non-final.							
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is								
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.								
Disposition of Claims								
4) Claim(s) 1-35 is/are pending in the application.								
4a) Of the above claim(s) is/are withdrawn from consideration.  5) ☐ Claim(s) is/are allowed.  6) ☑ Claim(s) <u>1-35</u> is/are rejected.								
7)⊠ Claim(s) <u>4-35</u> is/are objected to.	· · · · · · · · · · · · · · · · · · ·							
8) Claim(s) are subject to restriction and/or	8) Claim(s) are subject to restriction and/or election requirement.							
Application Papers								
9) The specification is objected to by the Examiner.  10) The drawing(s) filed on 27 September 2004 is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority under 35 U.S.C. § 119								
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:								
1. Certified copies of the priority documents have been received.								
<ul> <li>2. Certified copies of the priority documents have been received in Application No</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> </ul>								
* See the attached detailed Office action for a list of the certified copies not received.								
Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)								
<ul> <li>2) Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)</li> </ul>	Paper No(s)/Mail Da 5) Notice of Informal P							
Paper No(s)/Mail Date <u>9/27/04</u> .  6) Uther:  S. Patent and Trademark Office								

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## **DETAILED ACTION**

1. Claims 4-35 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim can not depend on a multiple dependent claim. See MPEP § 608.01(n).

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Flanders et al (6671078). Flanders et al disclose in figs. 4A an 4B a micro light modulator that is acting as a controllable shutter, but there is no showing in the light path a translucent modulator substrate and that the substrate has the controllable shutter anchored to it (it is not clear that this is the case in figs. 8A and 8B), however, this is a design choice that one skilled in the art would make depending on the optical path needed or saving manufacturing steps of making a hole in the substrate. The use of microlenses are well known to focus the light. The thickness of the substrate is a design choice depending on how translucent one wants the substrate to be. The type of material the substrate is made of is a design choice depending on the strength and translucency need in the specific application. The wavelength of the light source is a design choice depending on the specific use the system will be used for.

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Hanig whose telephone number is 571-272-2329. The examiner can normally be reached on M-F: 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on 571-272-2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RNA 12/23/05

> Scott J. Sugarman Primary Examiner